

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
CONTRACT CHANGE ORDER MEMORANDUM

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TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Darryl Schram, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
			FED. NO. No	
CCO#: 228	SUPPLEMENT#: 2	Category Code: CHPT	CONTINGENCY BALANCE (incl. this change) \$55,696,076.62	
COST: \$305,943.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Bikepath Leveling PP 103 through Hinge A			PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: 2490 Day(s)	Time Adj. This Change: 0 Day(s)	Previously Approved CCO Time Adjustments: 501 Day(s)	Percentage Time Adjusted: (including this change) 20 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 3

THIS CHANGE ORDER PROVIDES FOR:

Revising erection of the bikepath panels from Panel Point (PP) 103 through Hinge A including performing a local survey, procuring and installing UHMW temporary shim blocks, erecting bikepath panels on temporary shim blocks, performing the leveling procedure, removing temporary shim blocks, furnishing and installing permanent leveling shims under the bikepath panels, and eliminating elastomeric bearing pads on top of the bikepath cantilever beams.

Numerous bikepath panels do not make full contact between the support face and the elastomeric bearing pad and/or do not align with the adjacent panels. Without full contact, bikepath studs will be subjected to additional stress. Misalignment of bikepath panels will create an uneven bikepath finish grade surface. Contract Change Order (CCO) 228 S0 "Bikepath Leveling Procedure" developed a retrofit procedure to address these issues. CCO 228 S1 "Bikepath Leveling PP 9 Through 103" installed leveling shims under bikepath panels from PP 9 through 103. This change order will install leveling shims under bikepath panels from PP 103 through Hinge A and will align the SAS bikepath panels to match the existing Skyway bikepath cross slope, elevation, and horizontal alignment. A survey will be performed to provide as-built elevations. The Design JV will use the survey results to calculate temporary shim block heights. Bikepath panels will be installed on temporary shim blocks to provide a constant elevation for leveling procedure measurements. After measurements are taken, temporary shim blocks will be removed, permanent leveling shims will be installed, bikepath panels will be erected into final position, and anchor studs will be tensioned. Elastomeric bearing pads will not be necessary after the addition of leveling pads, since the weight of the bikepath will rest on leveling pads not elastomeric bearing pads. The elastomeric bearing pads were already purchased and delivered to the project, therefore a credit will be provided for installation but not for furnishing.

This change order resolves the costs associated with Contractor Request for Information (RFI) numbers 3094R0 and 3094R1 with respect to changes listed above.

The total cost of this change order is \$305,943.00 lump sum, which can be financed from the contingency fund. A detailed cost analysis is on file. The cumulative total of CCO 228 S0, S1, and S2 is \$752,537.00.

No time adjustment is warranted as this change order does not affect the controlling operation.

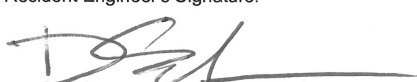
This change order has concurrence from William Casey (Supervising TE), Rich Foley (HQ Oversight), Ken Terpstra (Project Manager), Wenyi Long (Bridge Design), Jing Chen (District Design), and Lina Ellis (Maintenance).

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CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date 8/29/12	THIS REQUEST		TOTAL TO DATE
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date 4/11/13	ITEMS	\$0.00	\$0.00
Project Engineer:	District Design, Jing Chen	Date 4/11/13	FORCE ACCOUNT	\$0.00	\$50,000.00
Project Manager:	Proj Manager, Ken Terpstra	Date 9/3/12	AGREED PRICE	\$305,943.00	\$702,537.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	\$305,943.00	\$752,537.00
Other (specify):	HQ, Rich Foley	Date 9/4/12	FEDERAL PARTICIPATION		
Other (specify):	Struct. Maint, Lina Ellis	Date 4/11/13	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:		Date	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE PERCENT		
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